

Durglass® GFRP passive anchors



Soil nails composed of single or multiple **Durglass®** bars are ideally suited for temporary soil stabilization as they can be left underground or excavated through as required.

Durglass® flat and round bars are available in a complete range of diameters.

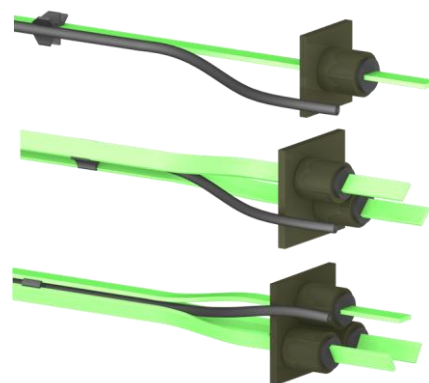
DURGLASS® AND GLASSPREE® SPECIFICATIONS*

Density	ASTM D792	1.95 g/cm ³
Ultimate tensile strength	ASTM D7205	760 – 1000 MPa
Tensile modulus of elasticity	ASTM D7205	40-46 GPa
Shear strength	ASTM D7617	100 – 200 MPa
Fiber content	ASTM D2584	>65%

* Based on ASTM International's testing method.

DURGLASS® FLAT BAR SOIL NAILS

Type	Bars	Nominal breaking load kN	Blocking system
EM 24	1 Flat 40x6	240	Wedge 63P
ED 48	2 Flat 40x6	480	Wedge 63P
ES 72	3 Flat 40x6	720	Wedge 63P
EM 36	1 Flat 40x9	360	Wedge 82P
ED 72	2 Flat 40x9	720	Wedge 82P
ES 100	3 Flat 40x9	1080	Wedge 82P



DURGLASS® ROUND SOIL NAILS

Type	Bars	Nominal breaking load kN	Blocking system
25	Threaded	450	Nut R22
32	Threaded	800	Nut R32
40	Threaded	1000	Nut R38
25	Non threaded	450	Wedge 63R
32	Non threaded	800	Wedge 63R
40	Non threaded	1000	Wedge 82R

